



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

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Air Protection Division (3AT23)

June 3, 2008

Mr. James Thompson
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 08-0390
ACHD Reference Number: 10244
Sulfur Plant
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Mark G. Tabler
Plant Manager
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 08-0390
ACHD Reference Number: 10244
2. **Date & Time of Breakdown:** Date: 05/30/08 Time: 1550 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** Sulfur Plant
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA

Nature and cause of breakdown: The 101J spare sulfur plant stripper vacuum axi was out of service when the axi tripped on over temperature due to a direct condenser pump failure.

8. **Identification of Emissions:**

- A. **Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)**
Elevated H₂S in the downriver and under-firing gas line systems, causing increased SO₂ and VOC at point of combustion.
- B. **Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality).** SO₂ is and VOC could be an eye, nose, and throat irritant.
- C. **Amount of each type emitted (or likely to be emitted).**
Light

9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
The repairs were completed.
10. **Facility back in operation -** Date: 05/30/08 Time: 1640 hours

Signature *Coleen M. Davis* Date 6-3-08
Coleen M. Davis
Senior Environmental Control Engineer Phone: 412-233-1015